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From: Frasca, Daniela (DPH)
Sent: Wednesday, January 18, 2012 6:52 AM
To: Khan, Annie (DPH)
Subject: FW: MDMA Samples

From: Piro, Peter (DPH)
Sent: Tuesday, January 17, 2012 9:35 AM
To: Frasca, Daniela (DPH)
Subject: FW: MDMA Samples

This is what I suggested to Chuck.

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From: Piro, Peter (DPH)
Sent: Monday, August 30, 2010 3:00 PM
To: Salemi, Charles (DPH)
Subject: MDMA Samples

Hi Chuck,

Please convey to the lab that MDMA samples need to be submitted to the GC/MS lab in the base form. Some of the MDMA samples are mixed with benzylpiperazine and TFMPP (Trifluoromethylphenylpiperazine). The latter is co-eluting with MDMA on HP-5 columns but separation is possible using an HP-1 column if MDMA is in the base form. Chemists have the option of using 0.1N NAOH with hexane as the extracting solvent (the same cleanup that is used for amphetamine and methamphetamine) or they can use a cleanup similar to the Amherst method. For this cleanup, the sample (approximately 1/4 of a tablet) is placed in a test tube and a few drops (3-4) of concentrated NH4OH are added to the sample. An appropriate volume (2.0 mL) of pet ether is added to dilute the sample and then the mixture is vortexed. The petroleum ether layer is decanted/filtered into a vial and submitted to the GC/MS Laboratory in petroleum ether. Chemists should run a G.C. to make sure the sample is approximately 1mg/mL. Standards for 3,4-MDMA, 3,4-MDA and 1-benzylpiperazine will be available in the G.C. room.